

## Claims:

1. Silicone rubber, characterised in that it contains a structurally modified hydrophobic pyrogenic silica as filler.
- 5 2. Silicone rubber according to claim 1, characterised in that the filler is an oxide produced pyrogenically by flame oxidation or flame hydrolysis, which is between 10 and 1000 m<sup>2</sup>/g, is rendered hydrophobic and is structurally modified.
- 10 3. Silicone rubber according to claim 1 or 2, characterised in that the silicone rubber is a liquid silicone rubber.